



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

DOG M File
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 5, 1987

Mr. L. B. Giles
Plant Manager
Ideal Basic Industries
Auxiliary Route Number 3
Morgan Utah 84050

Dear Mr. Giles:

RE: Revised Bond Estimate, Devils Slide Cement Plant, ACT/029/001,
Morgan County, Utah

Enclosed is a copy of the Revised Bond Estimate for the subject case as discussed with Mr. Chad Green.

If additional information is needed, please let us know.

Sincerely,

Frank Jensen
Revegetation Specialist

kg
Enclosure
0080N/14



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October 1, 1987

TO: Frank R. Jensen, Permit Lead
FROM: Frank J. Filas, Reclamation Engineer
RE: Revised Reclamation Bond Estimate, Devil's Slide Quarry,
M/029/001

Attached is a revised bond estimate for the Devil's Slide Quarry. I spoke with Mr. Chad Green of Ideal Basic yesterday, and we agreed that scarification of the steep slopes was not feasible and that contractor quotes would be used for equipment and revegetation costs. The revised bond estimate is in the amount of \$141,000 (1992 dollars).

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REVISED BOND ESTIMATE
DEVIL'S SLIDE QUARRY - M/029/001

ITEM	QUANTITY	UNIT COST	COST
<u>Demolition and Removal</u>			
Removal of Structures	433 yds ³	\$ 4.59/yd ³	\$ 2,000
Removal of Trash and Debris	100 yds ³	5.10/yd ³	500
Road Leveling	50 hrs	140.00/hr	7,000
<u>Earthwork</u>			
Grade Waste Material	130 hrs	140.00/hr	18,200
<u>Revegetation</u>			
Soil Testing	10 samples	100.00/ea	1,000
Revegetation	78.7 acres	600.00/acre	47,200
<u>Channel Construction</u>			
Tractor and Laborer	28 hrs	91.00/hr	2,500
Filter and Riprap	920 tons	11.00/ton	10,100
<u>Engineering and Supervision</u>			
Foreman	240 hrs	33.65/hr	8,100
Technical Staff	300 hrs	30.00/hr	9,000
<u>Maintenance and Monitoring</u>			
Revegetation of Twenty Percent of Area	16 acres	600.00/acre	9,600
Periodic Monitoring	5 visits	200.00/ea	<u>1,000</u>
Subtotal			\$116,200
Ten Percent Contingency			<u>11,600</u>
			<u>\$127,800</u>
Total in 1992 dollars (2% inflation for 5 years)			\$141,000

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